

Title: To investigate the reflection of light by plane mirrors, and illustrate this using ray diagrams; demonstrate and explain the operation of a simple periscope (OP38)

Student Name: _____

Other students in Group: _____

Preparation and planning

Apparatus/resources needed _____

What is it you vary during this experiment? _____

What do you expect will vary with the above? _____

Procedure

Labelled Diagram – To investigate light reflection by a plane mirror

Outline of method _____

Safety Precautions taken _____

Results and Conclusions

Labelled Diagram – How light rays reflect from a plane mirror.

Demonstration and explanation of operation of periscope

Preparation and planning

Apparatus/resources needed _____

Procedure

Labelled Diagram – How to demonstrate the way a periscope operates

Outline of method _____

Safety Precautions taken _____

Results and Conclusion

The periscope allows us to see objects, for example, over a wall, because _____

General comments _____

Teacher Name: _____	Date of completion: _____
Student signature: _____	